Benicomp Advantage
Analysis of Biometric Changes
Based on Prior Year Success or Failure
Completed 6/30/2010

Analysis Parameters:

The below analysis summarizes the change in biometric measures between the most recent two years
for Benicomp Advantage (BCA) groups that had at least two years of participation in the plan.

The analysis separates the results into two groups based on whether a particular biometric measure
met or failed the client's Pass/Fail credit criteria in the first year of measurement.

Method of Inclusion:

The analysis includes all BCA groups with at least two years of participation in the plan. Where groups
had more than two years, the two most recent years of participation were used. The most recent year of
participation used was 2010 to ensure statistics were complete.

Only groups that included at least the measures of tobacco use, BMI, LDL cholesterol and blood
pressure were used.

The analysis includes only participants who participated in both years and only participants who
had complete measures for at least three of the four biometric measures.

Group Statistics:

Number of Groups	55
Number of Observations	10,197

Statistics for Biometric Measures Passed in Year 1

	Number Passed	Average Year 1	Average Year 2	Average Change	Number Improved	Number Regressed	Percent Improved	Percent Regressed
	*						**	
Tobacco Use	7,005					163		2.33%
BMI	5,595	24.71	25.04	0.34	2,141	2,860	38.27%	51.12%
LDL Cholesterol	7,272	102.26	106.87	4.61	2,623	4,016	36.07%	55.23%
Blood Pressure	7,984	119.01/ 75.16	119.26/ 75.34	0.25/ 0.19	2,124	2,179	26.60%	27.29%

Statistics for Biometric Measures Failed in Year 1

	Number Failed	Average Year 1	Average Year 2	Average Change	Number Improved	Number Regressed	Percent Improved	Percent Regressed
Tobacco Use	2,014				-246		-12.21%	
BMI	3,374	35.51	34.73	-0.7803	1,452	1,598	43.03%	47.36%
LDL Cholesterol	1,446	159.46	146.71	-12.75	866	462	59.89%	31.95%
Blood Pressure	1,014	142.88/ 88.63	131.64/ 81.97	-11.24/-6.66	601	91	59.27%	8.97%

*   Based on group statistics
**   Based on individual statistics